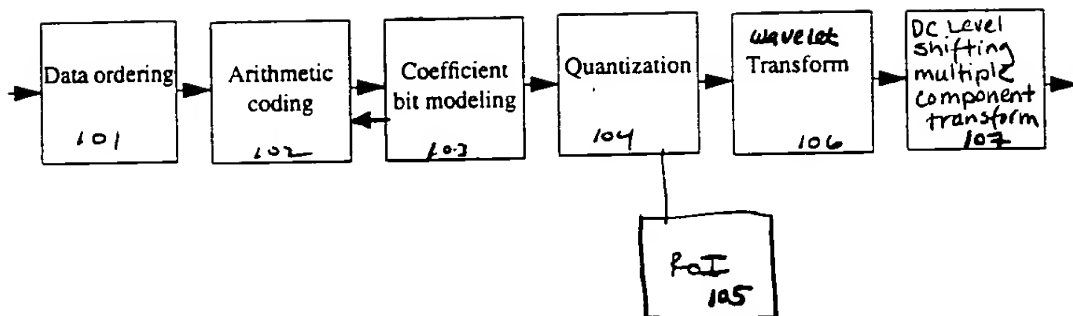


BITSTREAM



Reconstructed and rendered image

Figure 1

TABLE 2-2-2-2

SP 0	SP 4	C 8	C 12	C 16	C 20	C 24	C 28
R 1	SP 5	C 9	C 13	C 17	C 21	C 25	C 29
R 2	SP 6	SP 10	SP 14	SP 18	C 22	C 26	C 30
SP 3	SP 7	R 11	R 15	SP 19	C 23	C 27	C 31
C 32	SP 36	SP 40	SP 44	SP 48	C 52	C 56	C 60
C 33	C 37	C 41	C 45	C 49	C 53	C 57	C 61
C 34	C 38	C 42	C 46	C 50	C 54	C 58	C 62
C 25	C 39	C 43	C 47	C 51	C 55	C 59	C 63

Figure 2A

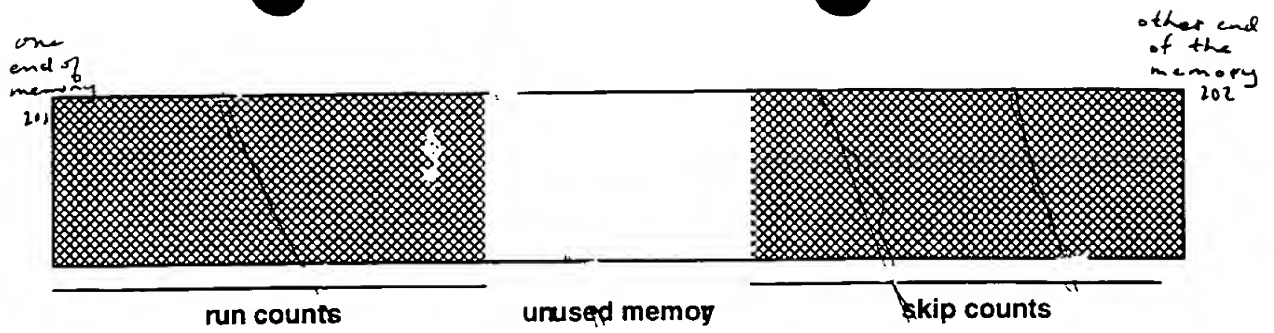


Figure 2B

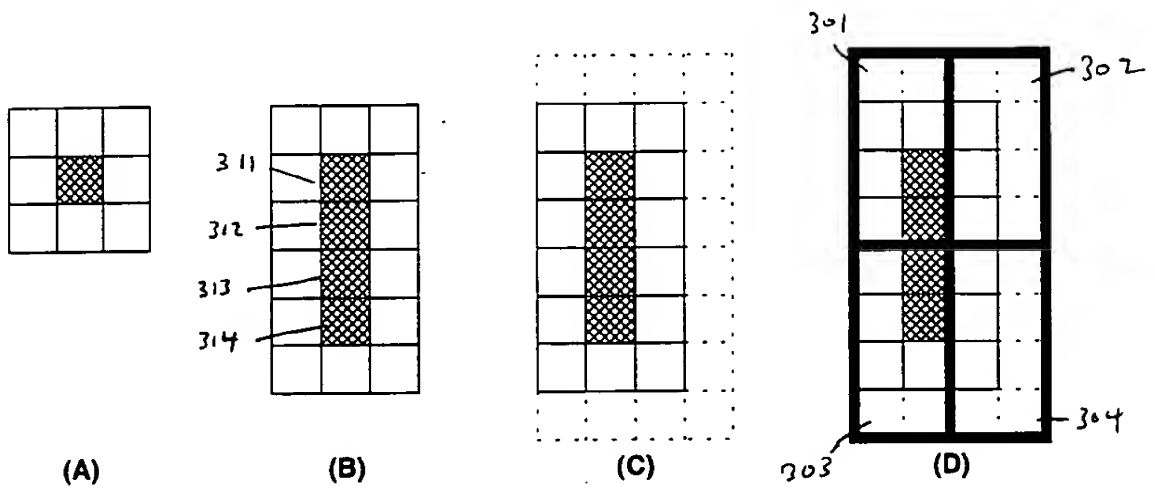
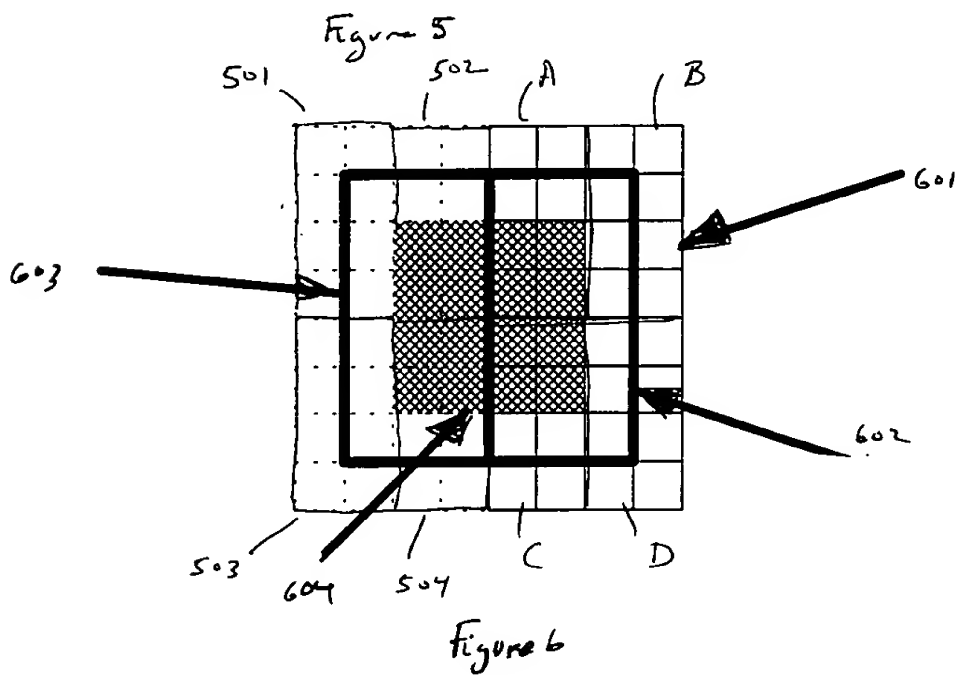
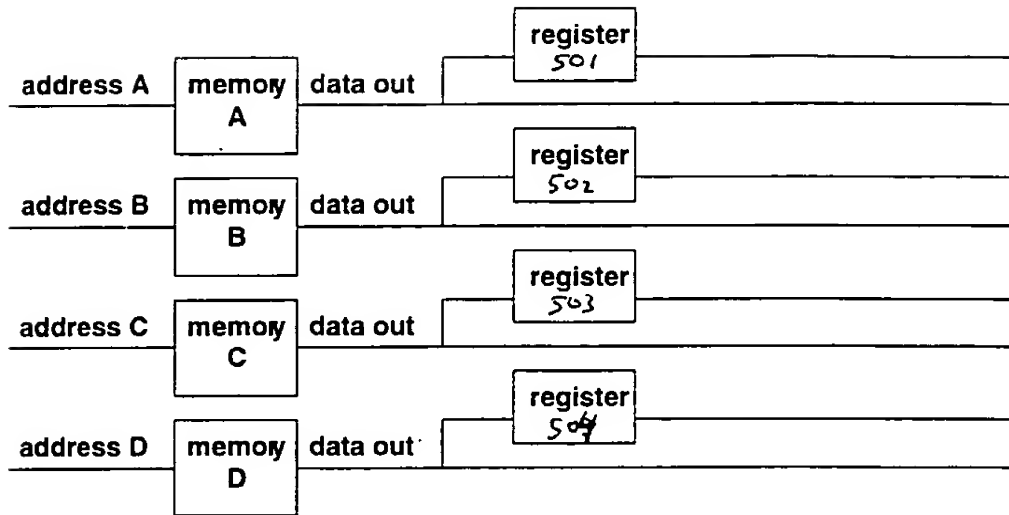


Figure 3

2025 RELEASE UNDER E.O. 14176

	0	1	2	3	4	5	6	7
0	A	B	A	B	A	B	A	B
1	C	D	C	D	C	D	C	D
2	A	B	A	B	A	B	A	B
3	C	D	C	D	C	D	C	D
0	A	B	A	B	A	B	A	B

Figure 4



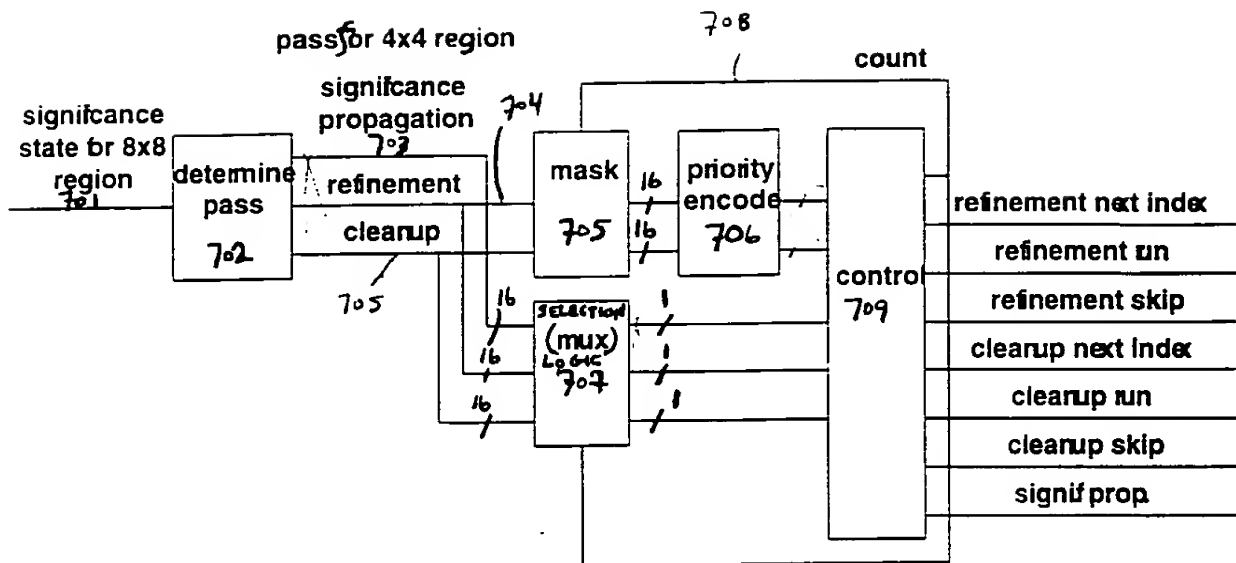


Figure 7

SP	SP	SP	SP
C	C	C	C
SP	SP	SP	SP
SP	R	R	SP

SP = significance propagation  
C = cleanup  
R = refinement

SP pass: 10\*2 for SP pass coefficients  
6 for C and R pass coefficients  
C pass: 4\*2 for C pass coefficients  
R pass: 2 for R pass  
total: 36 clocks = 2.25 clocks per coefficient

Figure 8

	0	1	2	3
0	A	A	A	A
1	B	B	B	B
2	A	A	A	A
3	B	B	B	B
0	A	A	A	A

Figure 9

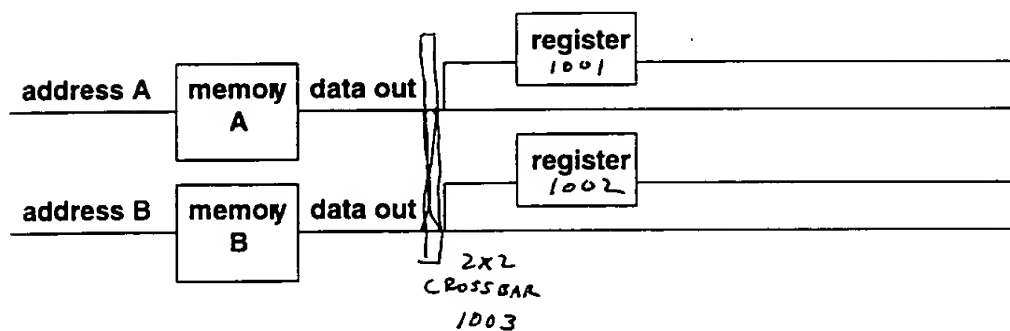


Figure 10

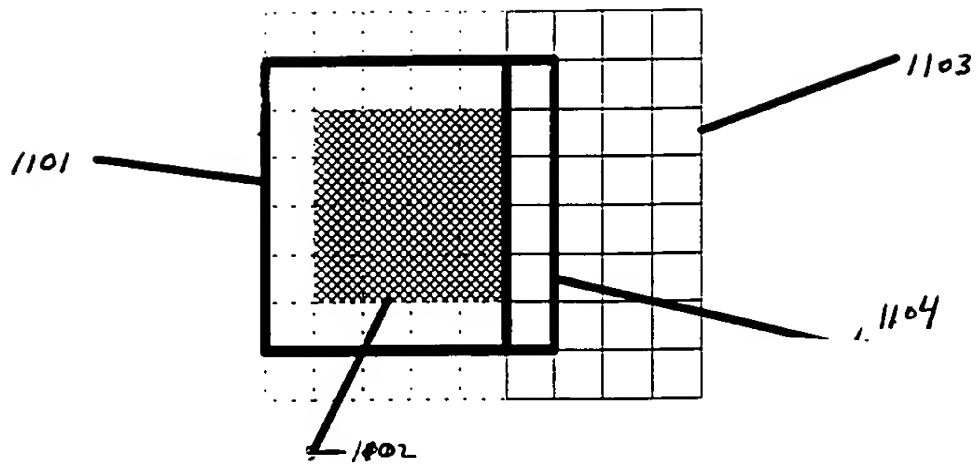


Figure 11

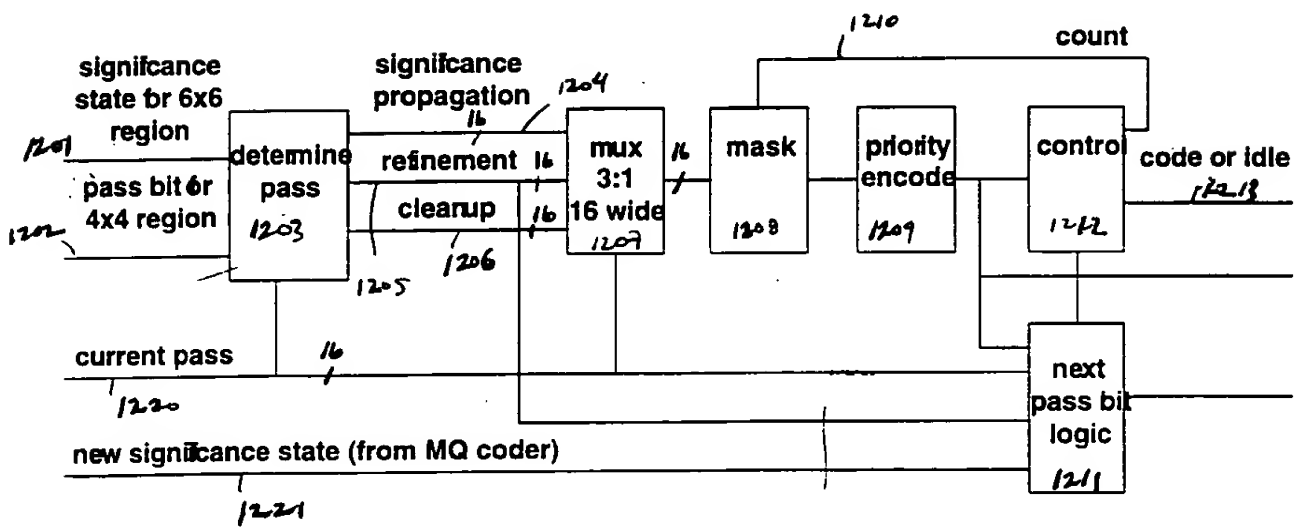


Figure 12



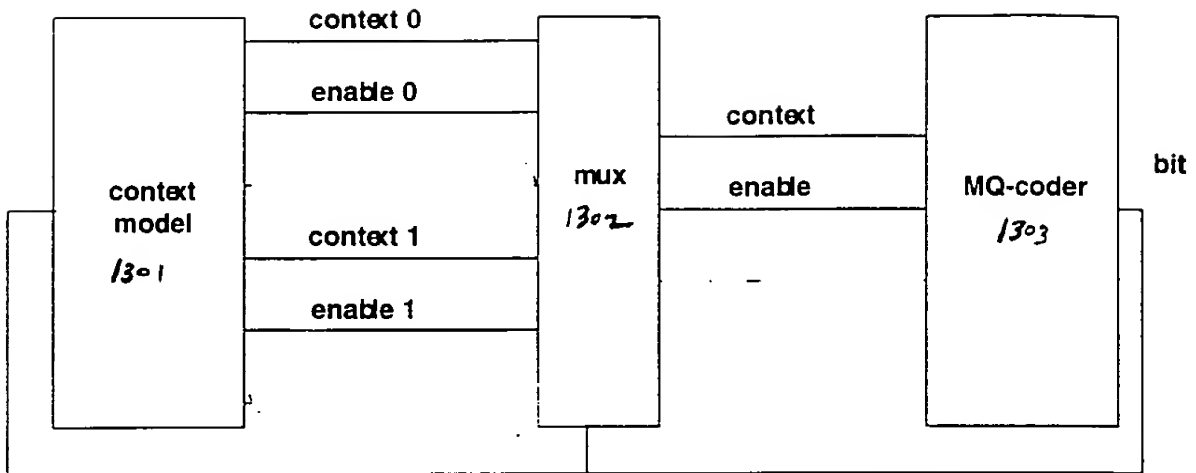


Figure 13

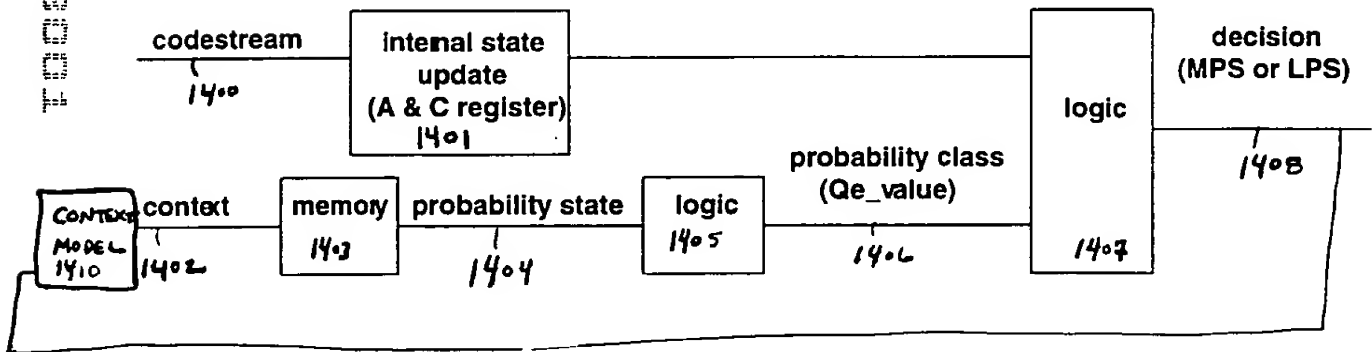


Figure 14A

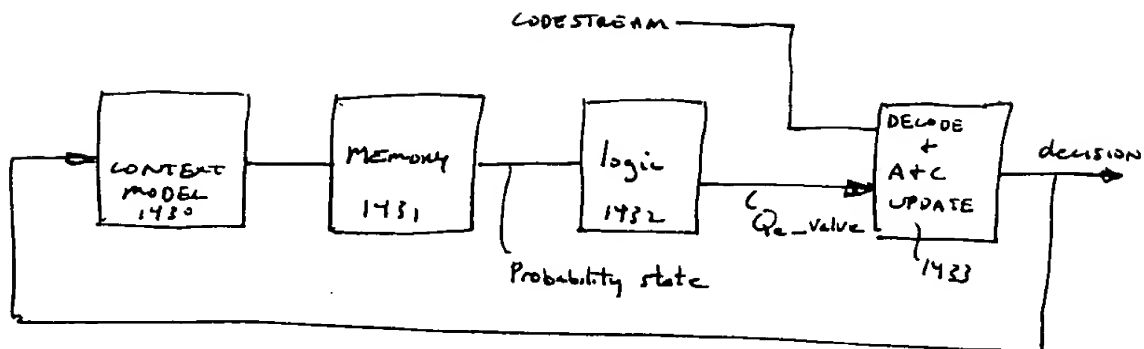


Figure 14B

2025 RELEASE UNDER E.O. 14176

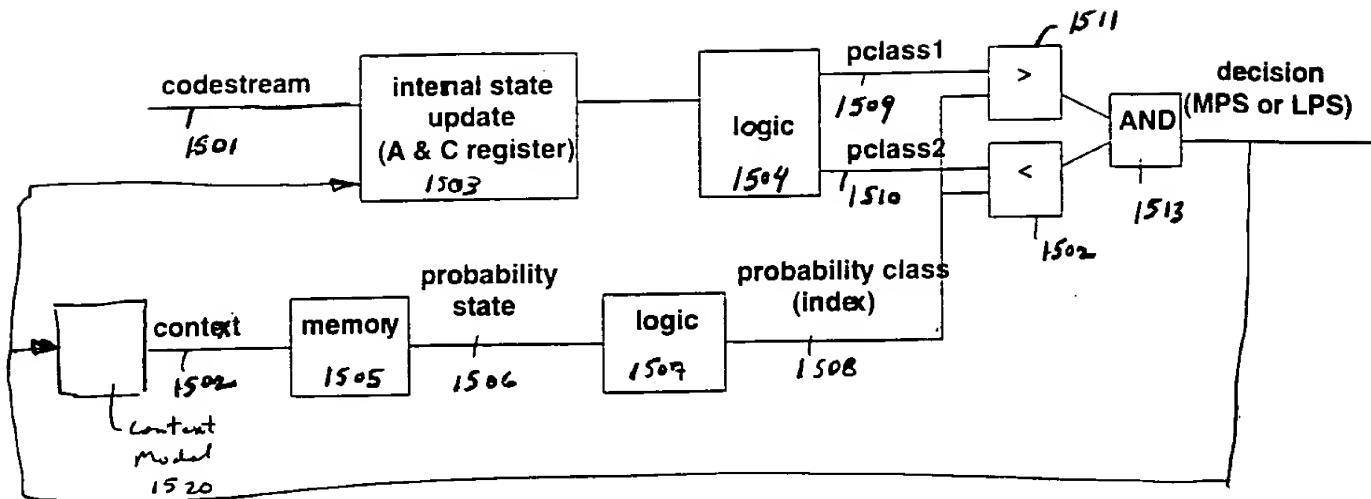


Figure 15

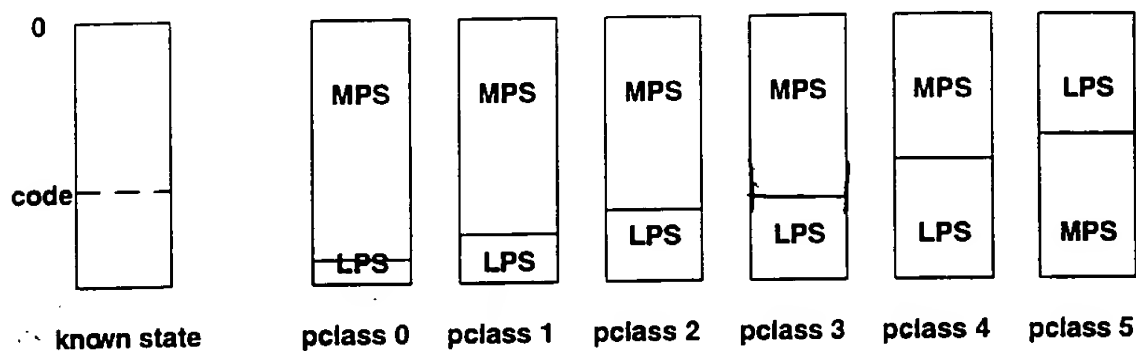


Figure 16A

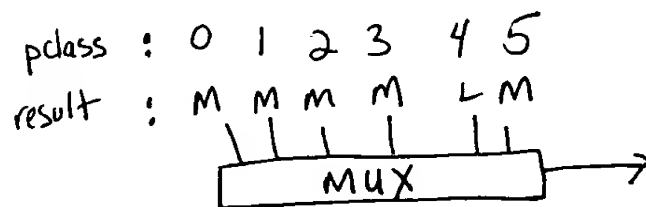


Figure 16B

5MPS
4 MPS
3 MPS
2 MPS
1 MPS
LPS

Figure 17

RECEIVED

luminance				chrominance				chrominance			
A	A	A	D	B	B	B	D	C	C	C	D
A	A			B	B			C	C		
A		A		B		B		C		C	
A				B				C			

(A)

A	A	A	B
A	A		
A		A	
B			

C	C	C	D
C	C		
C		C	
D			

E	E	E	F
E	E		
E		E	
F			

(B)

F	F	B	C
F	F		
A		A	
A			

G	G	C	F
G	G		
B		C	
D			

E	E	E	E
E	E		
D		D	
G			

(C)

Figure 18

FOUO - 6626000

luminance				chrominance				chrominance			
A	A	A	B	C	C	C		D	D	D	
A	A			C	C			D	D		
A		A		C	C	D		D			
B				A							

(A)

F	F	F	C
A	A		
F		F	
A			

B	B	C	
C	C		
A		B	
D			

D	D	F	
E	E		
D		E	
E			

(B)

A	A	A	C
A	A		
A		A	
B			

E	E	E	
E	E		
E		E	
F			

G	G	G	
G	G		
G		G	
H			

(C)

Figure 19

TOP SECRET

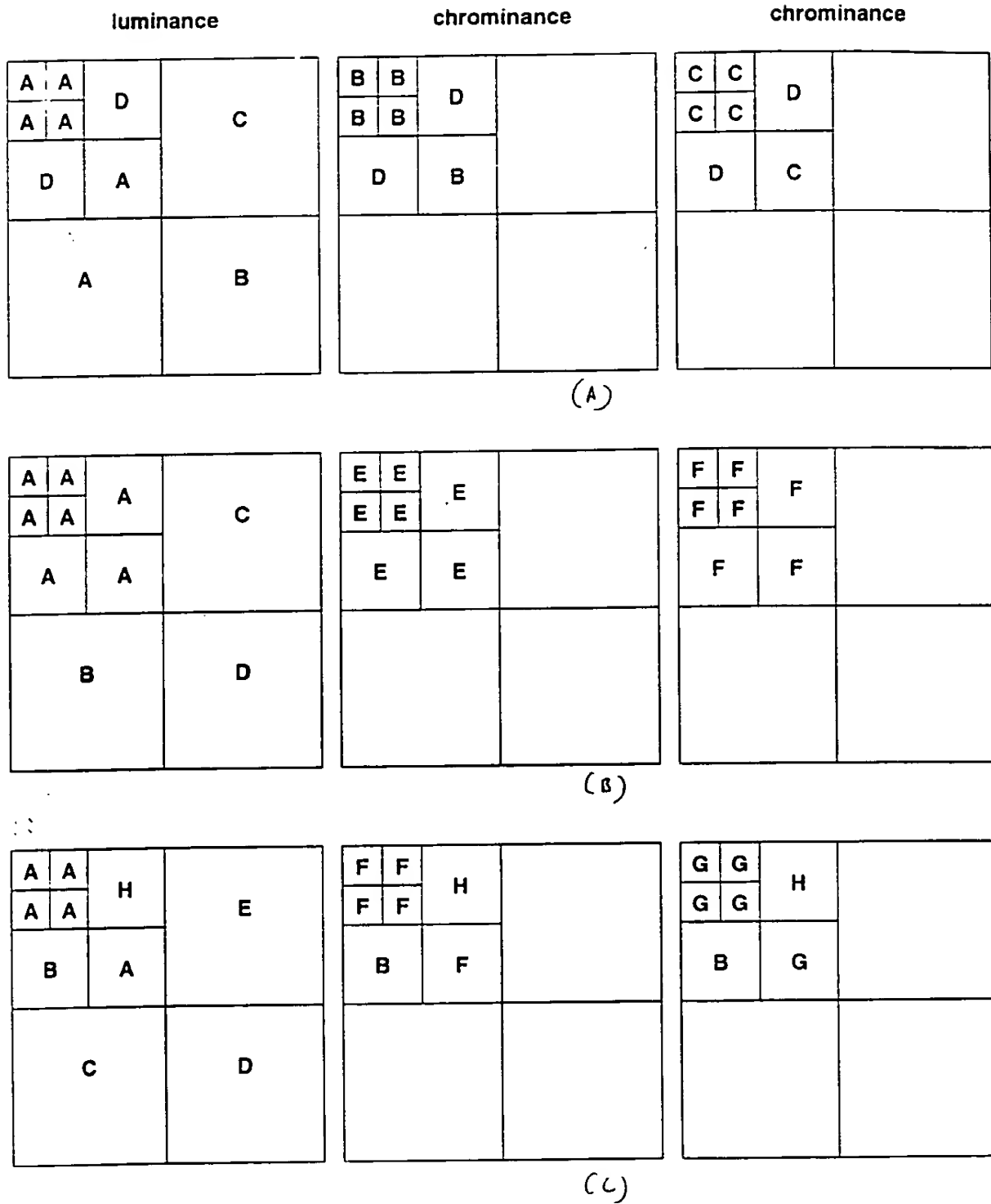


Figure 20

FIG. 21

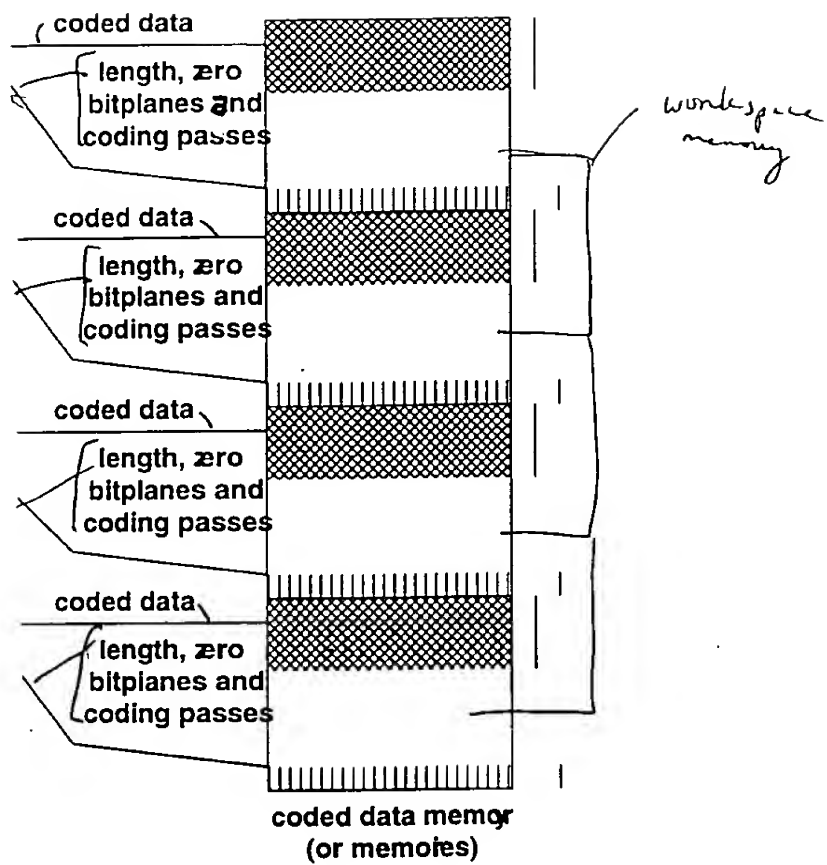


Figure 21



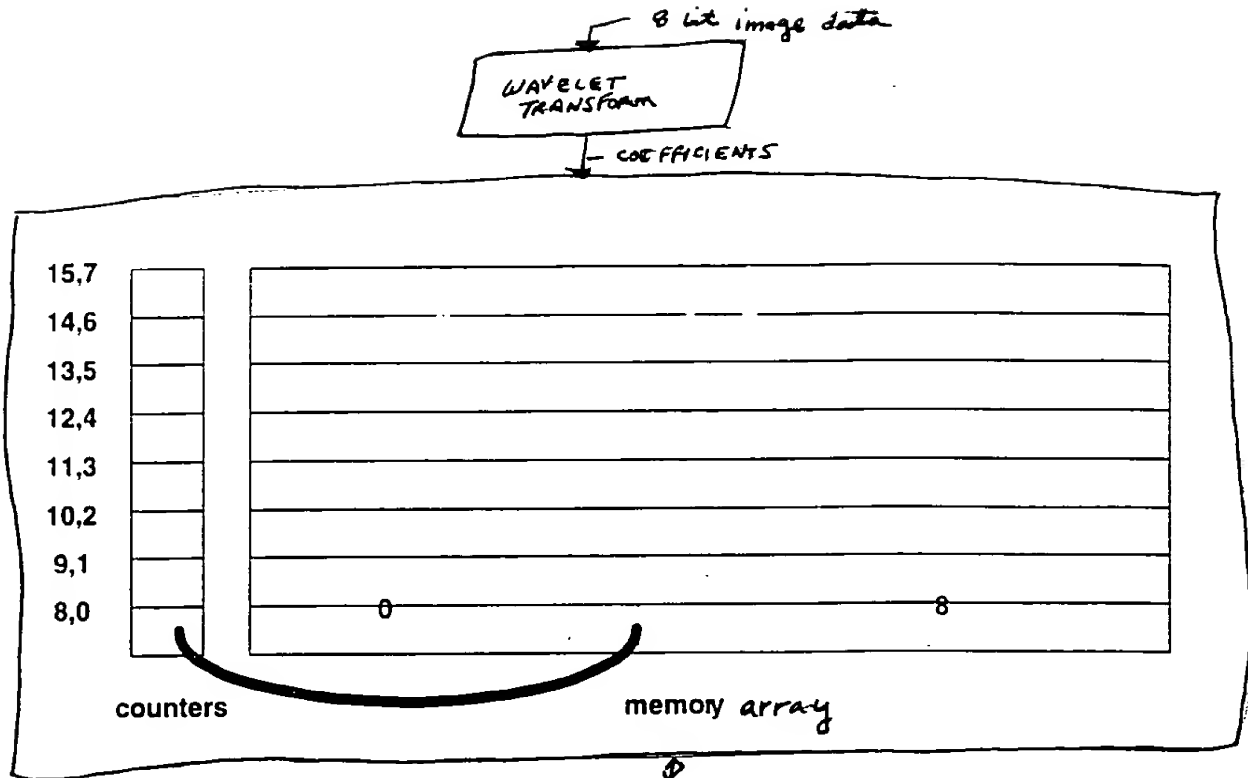


Figure 22A

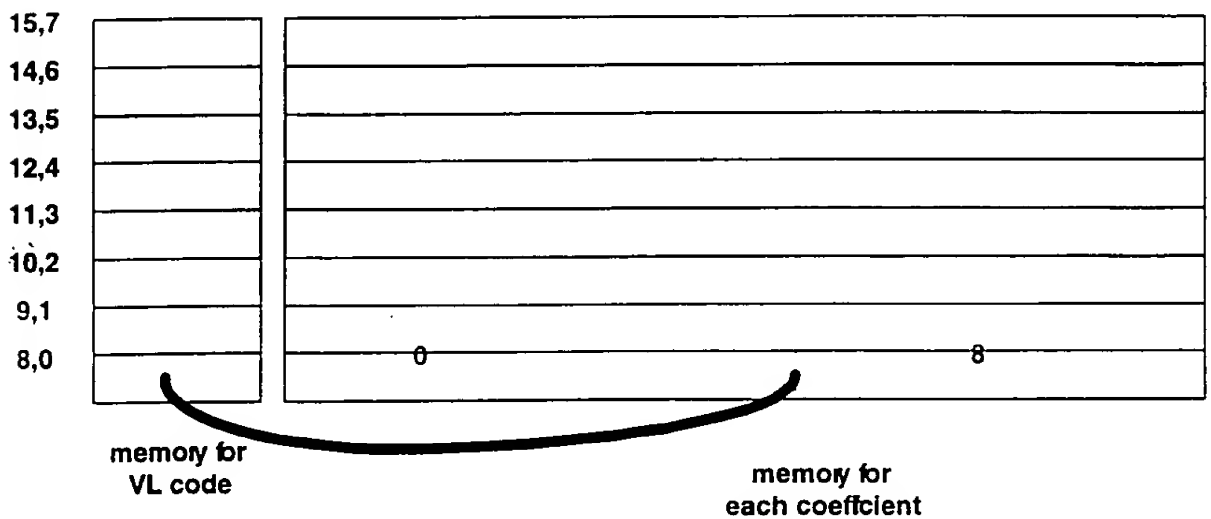
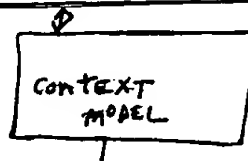


Figure 23

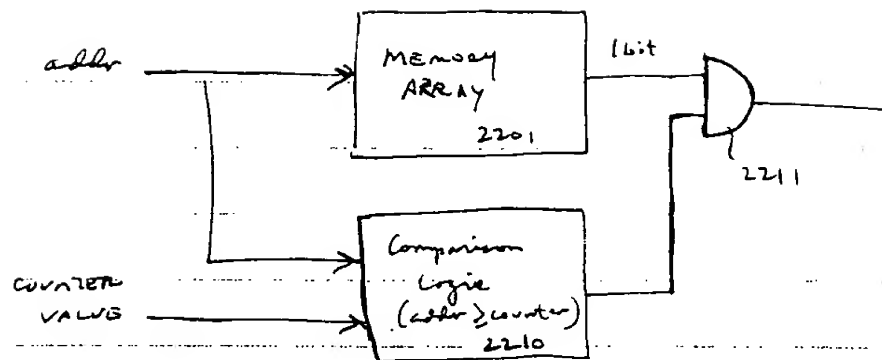
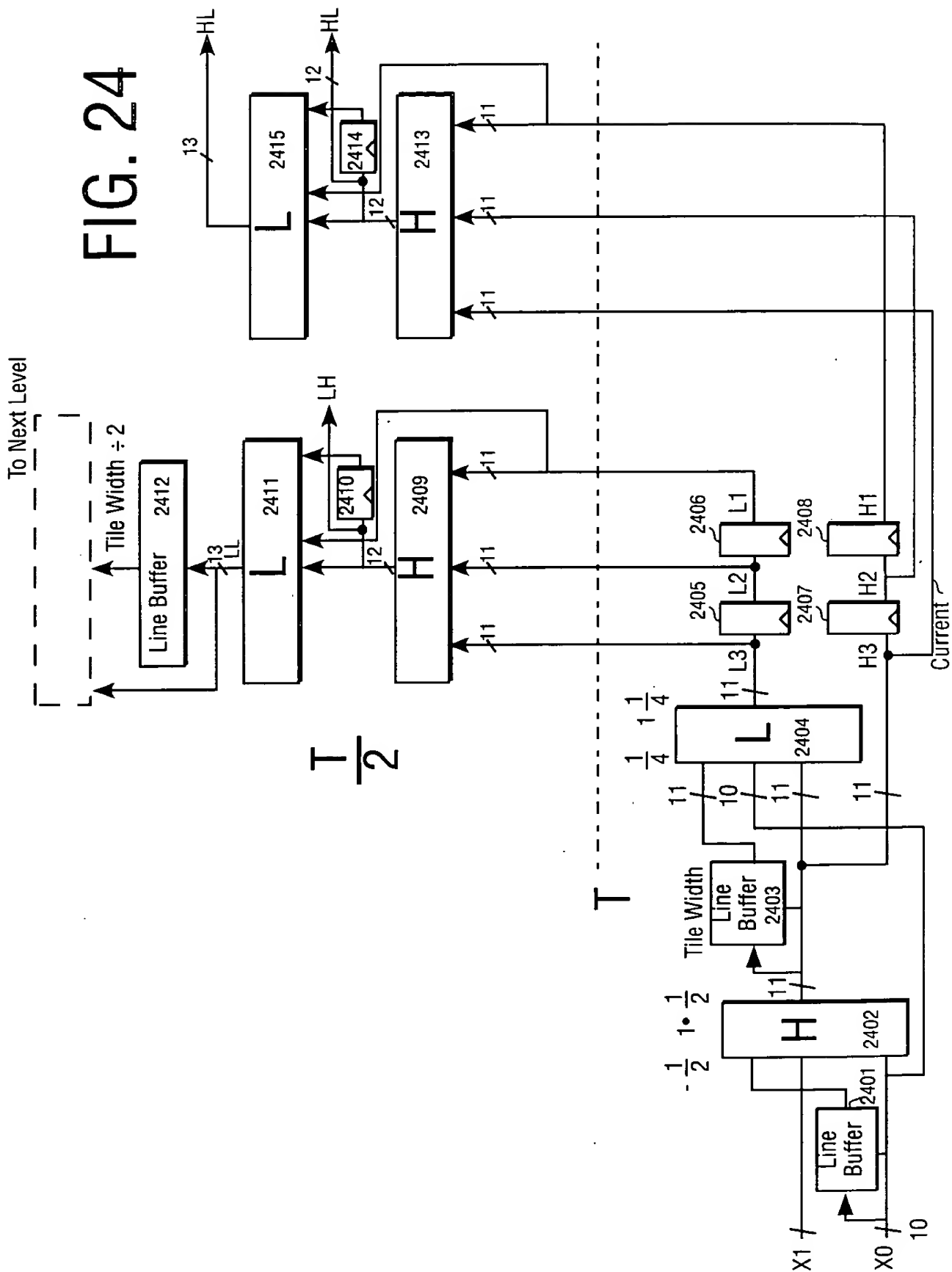


Figure 22B



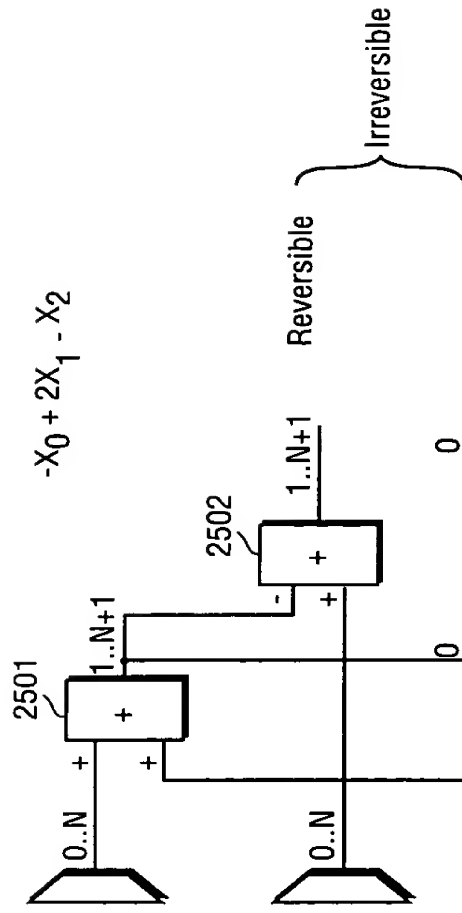


FIG. 25A

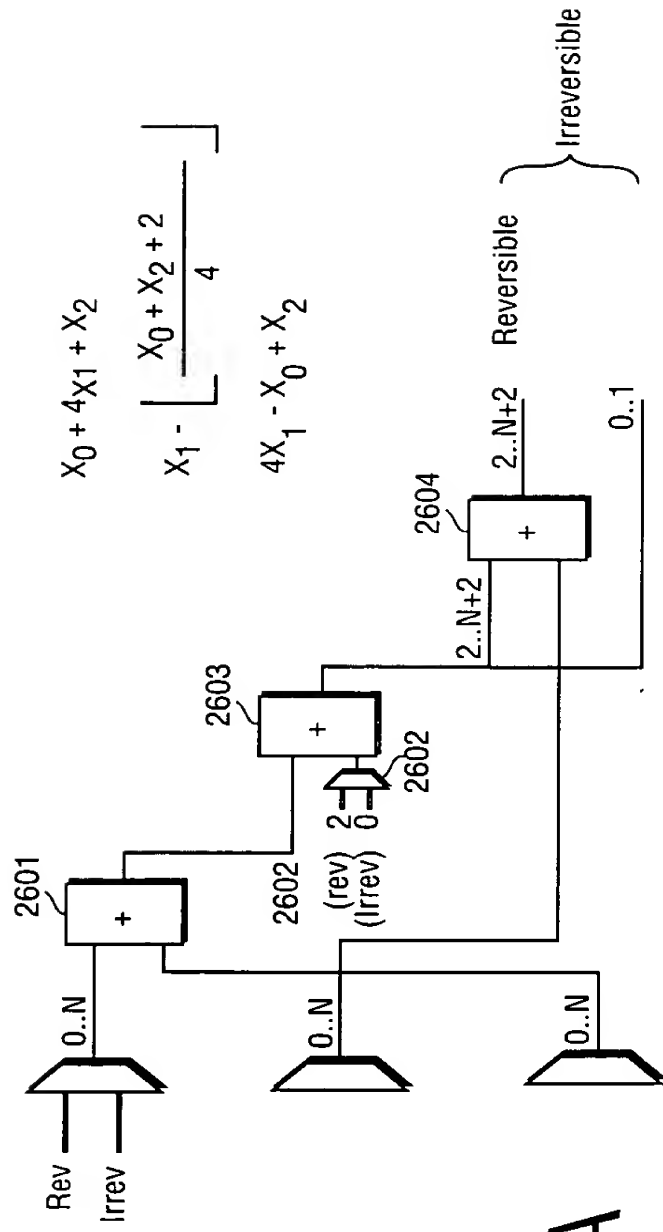


FIG. 26A

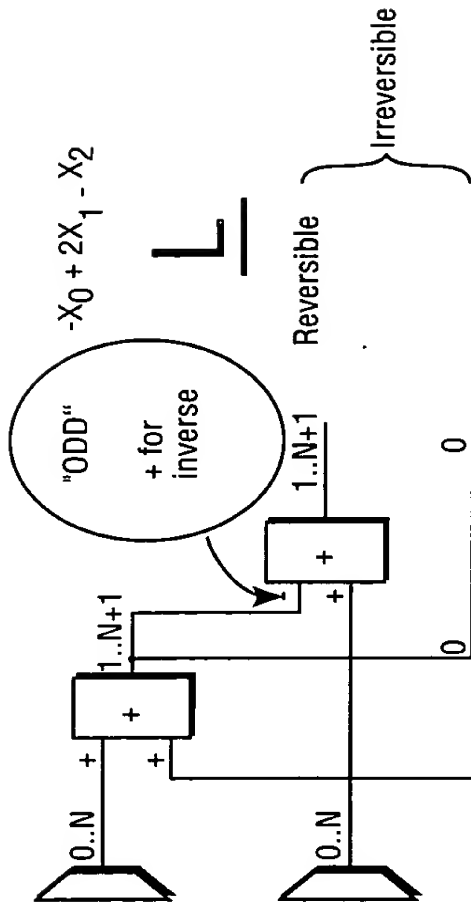
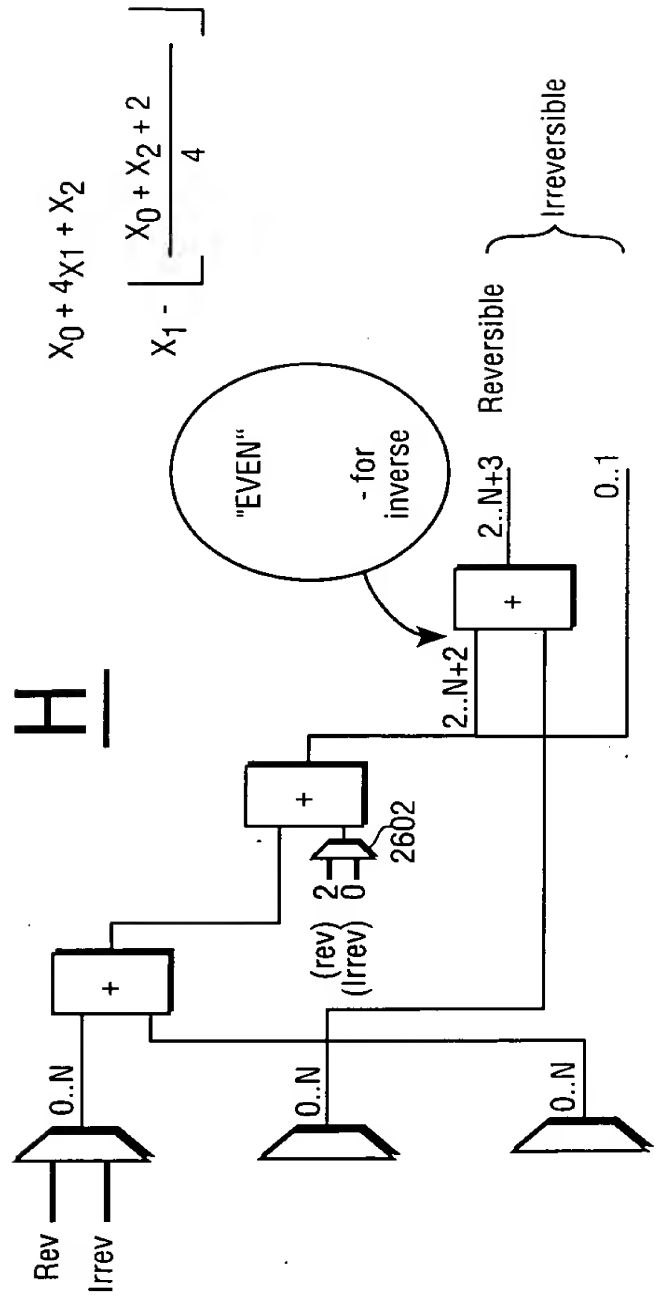


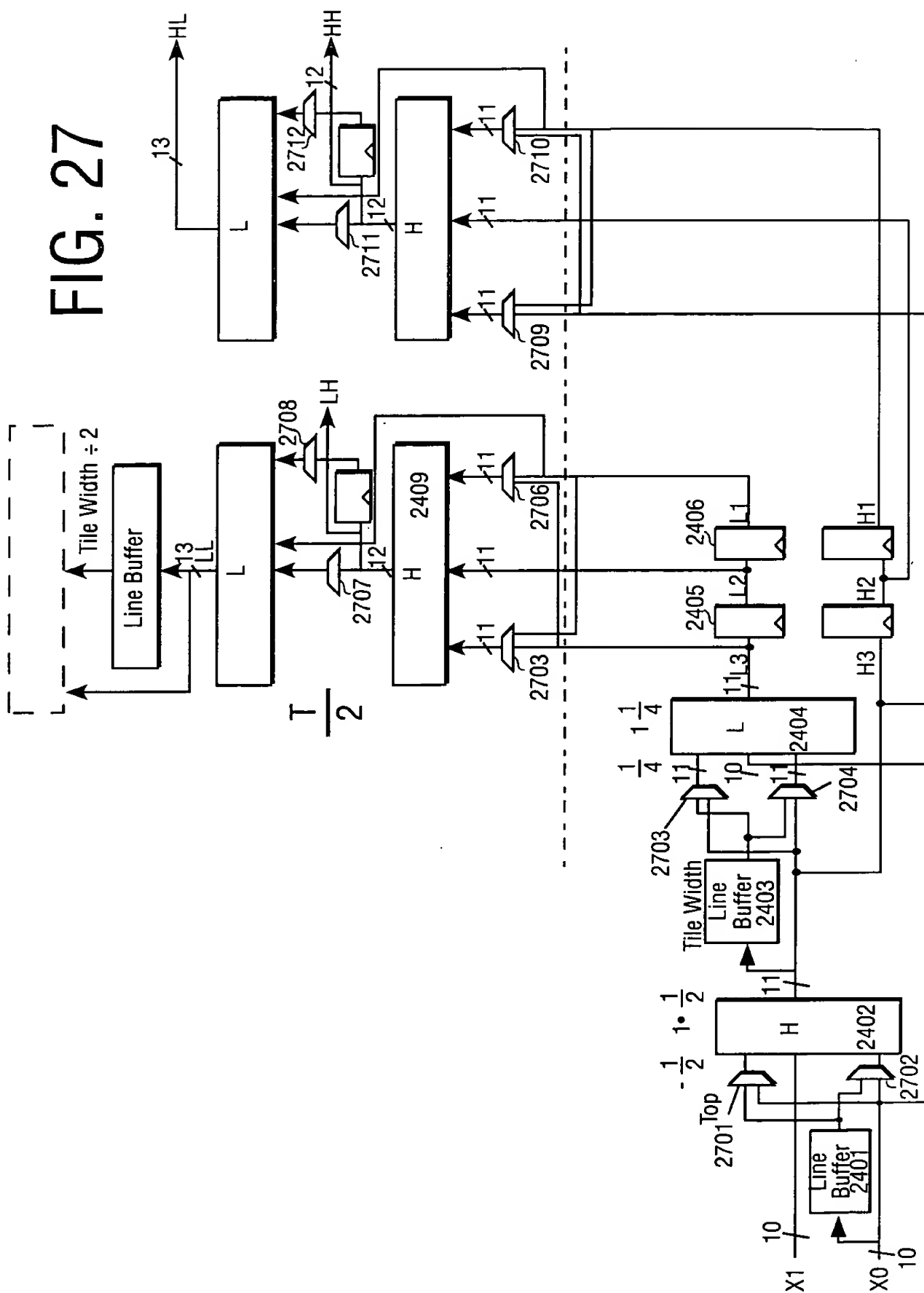
FIG. 25B

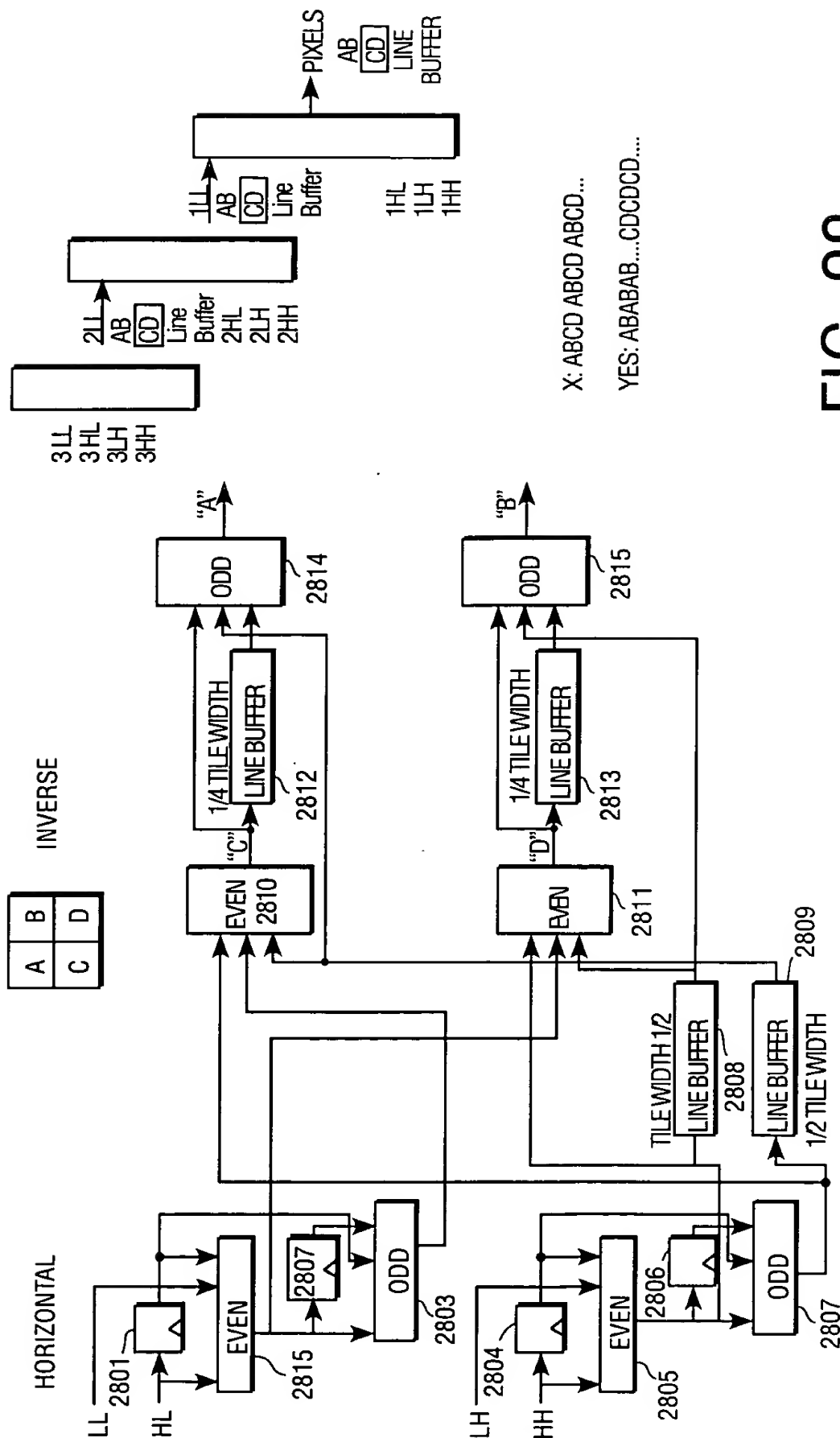


$$X_0 + 4X_1 + X_2$$

$$X_1 - \left[ \frac{X_0 + X_2 + 2}{4} \right]$$

FIG. 26B





X: ABCD ABCD ABCD...  
YES: ABABAB...CDCDCD....

FIG. 28

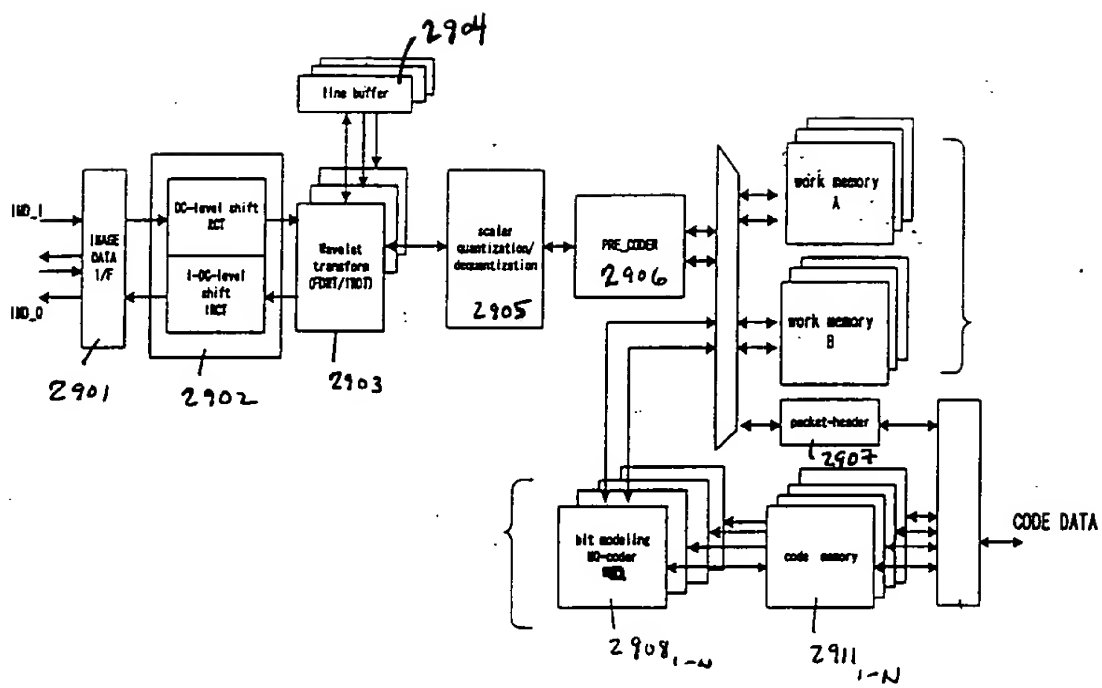


Figure 29



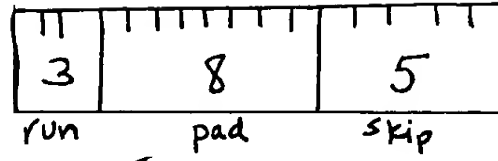


Figure 30

2025/06/06 10:00

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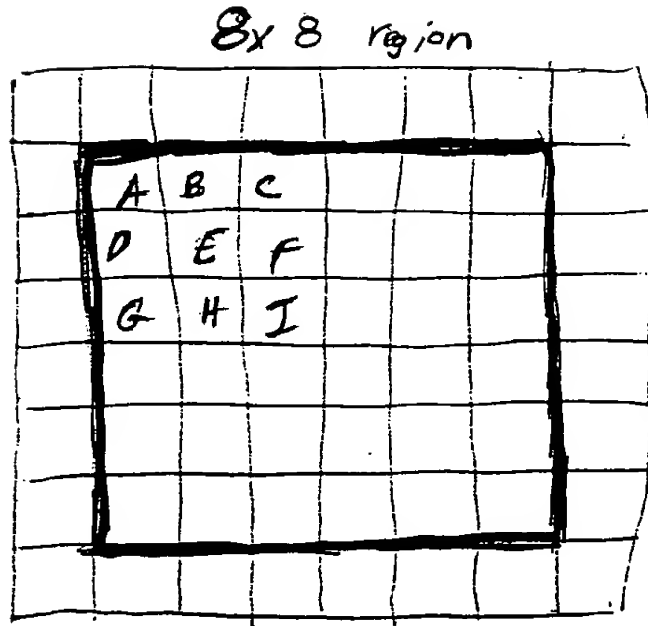


Figure 31

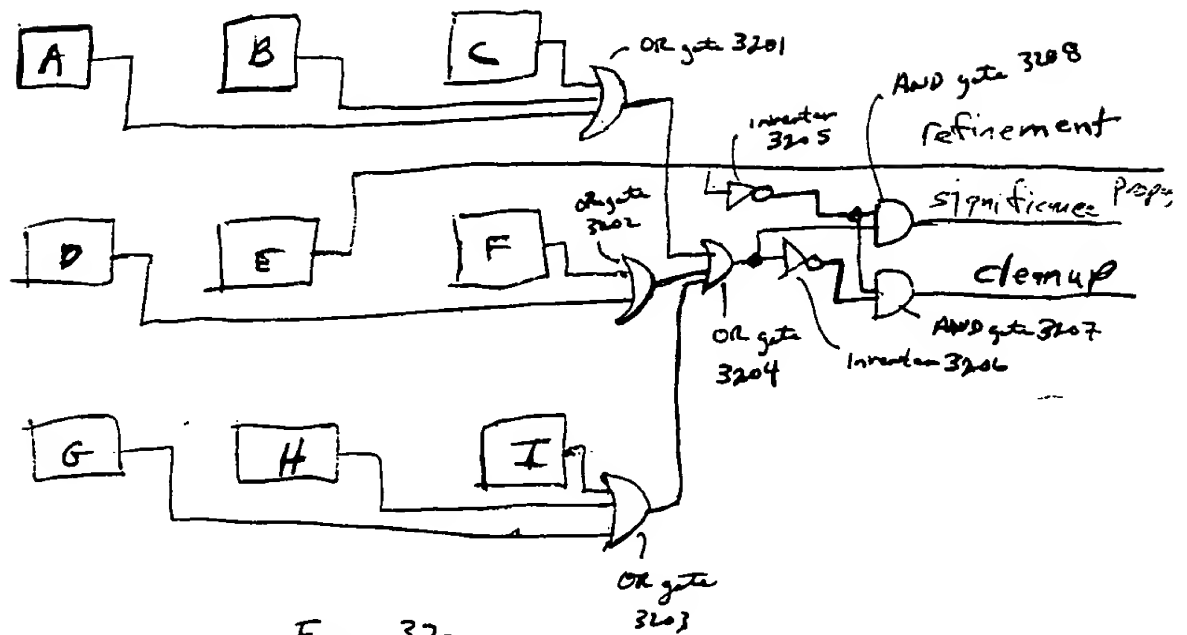


Figure 32